Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111087.D
Acq On : 29 Nov 2018 13:08
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Nov 29 13:41:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 29 10:35:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	75718	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	323468	20.00	ng		0.00
39) Acenaphthene-d10	9.97	164	152648	20.00	ng		0.00
64) Phenanthrene-d10	11.47	188	279789	20.00	ng		0.00
76) Chrysene-d12	14.13	240	186906	20.00	ng		0.00
87) Perylene-d12	15.66	264	137721	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	371996	81.47	ng		0.00
7) Phenol-d6	6.57	99	480404	80.74	ng		0.00
23) Nitrobenzene-d5	7.50	82	457494	80.94	ng		0.00
42) 2,4,6-Tribromophenol	10.77	330	122327	80.69	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	833616	79.12	ng		0.00
79) Terphenyl-d14	13.05	244	825961	86.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	87798	40.136	ng		89
3) Pyridine	3.55	79	168912	35.263	ng	#	84
4) n-Nitrosodimethylamine	3.53	42	85571	39.040	ng		87
6) Aniline	6.60	93	305458	41.526	ng	#	56
8) 2-Chlorophenol	6.72	128	223060	41.222	ng		99
9) Benzaldehyde	6.50	77	126817	39.854	ng		95
10) Phenol	6.58	94	271853	40.569	ng	#	67
11) bis(2-Chloroethyl)ether	6.67	93	201824	39.978	ng		93
12) 1,3-Dichlorobenzene	6.87	146	242654	40.819	ng		99
13) 1,4-Dichlorobenzene	6.95	146	247158	40.430	ng		99
14) 1,2-Dichlorobenzene	7.10	146	232327	40.379	ng		100
15) Benzyl Alcohol	7.08	79	183108	40.043	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.20	45	325534	40.518	ng		86
17) 2-Methylphenol	7.19	107	169985	39.509	ng	#	88
18) Hexachloroethane	7.43	117	92200	41.001	ng		94
19) n-Nitroso-di-n-propylamine	7.35	70	154606	39.889	ng		96
20) 3+4-Methylphenols	7.35	107	221716	38.767	ng	#	69
22) Acetophenone	7.35	105	309545	40.826	ng	#	96
24) Nitrobenzene	7.53	77	236512	40.239	ng		93
25) Isophorone	7.76	82	369760	39.882	ng		97
26) 2-Nitrophenol	7.84	139	118853	41.622	ng		96
27) 2,4-Dimethylphenol	7.87	122	176406	40.907	ng		98
28) bis(2-Chloroethoxy)methane	7.96	93	252966	40.728	ng		99
29) 2,4-Dichlorophenol	8.08	162	186037	41.226	ng		100
30) 1,2,4-Trichlorobenzene	8.16	180	204934	40.523	ng		95
31) Naphthalene	8.24	128	607639	40.075	ng		100
32) Benzoic acid	8.03	122	119096	37.146	ng		95
33) 4-Chloroaniline	8.29	127	270229	41.872	ng		99
34) Hexachlorobutadiene	8.34	225	117247	40.705	ng		99
35) Caprolactam	8.68	113	59037	38.321	ng		89
36) 4-Chloro-3-methylphenol	8.77	107	201025	40.093	ng		97
37) 2-Methylnaphthalene	8.93	142	397517	39.692	ng		98
38) 1-Methylnaphthalene	9.03	142	378080	38.811	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	196144	40.847	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.07	237	30825	51.948	ng		96
43) 2,4,6-Trichlorophenol	9.22	196	116833	40.738	ng		93
44) 2,4,5-Trichlorophenol	9.26	196	121588	40.264	ng		95
46) 1,1'-Biphenyl	9.39	154	567658	40.336	ng		99
47) 2-Chloronaphthalene	9.42	162	411247	40.303	ng		99
48) 2-Nitroaniline	9.53	65	130275	40.818	ng		93
49) Acenaphthylene	9.84	152	569139	39.225	ng		98
50) Dimethylphthalate	9.69	163	432346	38.619	ng		99
51) 2,6-Dinitrotoluene	9.77	165	98233	39.415	ng	#	89
52) Acenaphthene	10.01	154	370845	39.868	ng		98
53) 3-Nitroaniline	9.95	138	116185	39.998	ng		88
54) 2,4-Dinitrophenol	10.07	184	34371	40.937	ng		88
55) Dibenzofuran	10.18	168	525814	38.748	ng		100
56) 4-Nitrophenol	10.12	139	53040	35.344	ng		97
57) 2,4-Dinitrotoluene	10.19	165	128045	39.599	ng		98
58) Fluorene	10.53	166	412715	39.090	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.30	232	92059	37.146	ng		90
60) Diethylphthalate	10.39	149	450290	39.004	ng		99
61) 4-Chlorophenyl-phenylether	10.51	204	219164	39.687	ng		97
62) 4-Nitroaniline	10.57	138	110826	40.977	ng		97
63) Azobenzene	10.67	77	435046	38.661	ng		96
65) 4,6-Dinitro-2-methylphenol	10.60	198	52110	39.373	ng		78
66) n-Nitrosodiphenylamine	10.63	169	387917	41.648	ng		98
67) 4-Bromophenyl-phenylether	11.00	248	125370	41.143	ng		96
68) Hexachlorobenzene	11.08	284	133896	41.254	ng		97
69) Atrazine	11.16	200	102961	38.818	ng		98
70) Pentachlorophenol	11.28	266	47478	36.768	ng		99
71) Phenanthrene	11.50	178	597809	40.342	ng		99
72) Anthracene	11.55	178	602854	39.948	ng		99
73) Carbazole	11.71	167	591384	40.374	ng		99
74) Di-n-butylphthalate	12.01	149	676976	39.529	ng		99
75) Fluoranthene	12.69	202	589152	38.683	ng		99
77) Benzidine	12.82	184	218879	45.784	ng		97
78) Pyrene	12.93	202	602213	44.115	ng		98
80) Butylbenzylphthalate	13.52	149	266578	43.253	ng		97
81) Benzo(a)anthracene	14.12	228	443492	40.191	ng		99
82) 3,3'-Dichlorobenzidine	14.07	252	153551	40.583	ng		99
83) Chrysene	14.16	228	429122	39.504	ng		99
84) Bis(2-ethylhexyl)phthalate	14.06	149	345307	42.047	ng		98
85) Di-n-octyl phthalate	14.67	149	496358	38.289	ng		98
86) Indeno(1,2,3-cd)pyrene	17.25	276	328881	42.179	ng		98
88) Benzo(b)fluoranthene	15.20	252	313708	38.775	ng		98
89) Benzo(k)fluoranthene	15.23	252	336080	40.358	ng		100
90) Benzo(a)pyrene	15.60	252	295483	39.236	ng		98
91) Dibenzo(a,h)anthracene	17.24	278	274789	44.223	ng		99
92) Benzo(g,h,i)perylene	17.73	276	273838	45.707	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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